IBM® WebSphere™ Host Publisher Planning and Installation Guide for Windows NT®, Windows 2000®, AIX®, and Solaris®

Version 2 Release 2.1

SC31-8730-02

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Note

Before using this information and the product it supports, be sure to read the general information under "Appendix A. Notices" on page 17.

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Planning and Installing Host Publisher

As with any software, some planning is necessary to ensure a successful installation. Use this planning information to help you install the Host Publisher components.

Hardware and software requirements

Host Publisher Studio runs on Windows 95, Windows 98, Windows NT Version 4, and Windows 2000.

Host Publisher Server runs on several platforms. The platforms, and the requirements for each, are listed below.

Hardware requirements

Host Publisher Server

Windows NT 136 MB of disk space (79 for IBM WebSphere Application Server, 11 for IBM HTTP Server); 256 MB RAM (512 MB recommended).

Windows 2000
136 MB of disk space (79 for IBM WebSphere Application Server, 11 for IBM HTTP Server); 256 MB RAM (512 MB recommended).

AIX 172 MB of disk space (84 for IBM WebSphere Application Server, 75 for IBM HTTP Server); 256 MB RAM (512 MB recommended).

Solaris 163 MB of disk space (86 for IBM WebSphere Application Server, 66 for IBM HTTP Server); 256 MB RAM (512 MB recommended). We recommend that you allow 512 MB of swap space (256 MB minimum) and room for 512 file descriptors (256 minimum).

Host Publisher Studio

Windows 95, Windows 98, Windows NT, and Windows 2000:

- Pentium 166 processor or higher
- Minimum of 128 MB RAM
- 90 MB of free disk space
- A display with a color depth of 256 colors or higher.

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Software requirements

Host Publisher Server

Windows NT

With WebSphere Application Server 2.0.3.1 or 3.0.2
Windows NT Workstation or Server Version 4.0, Service Pack 4

With WebSphere Application Server 3.5
Windows NT Workstation or Server Version 4.0, Service Pack 6A

Note: An FTPD product must be installed and enabled to transfer applications from the Host Publisher Studio to the Server.

On Windows NT, with Host Publisher Server and Host Publisher Studio installed on the same machine, you can use the *localhost* option. See the online Host Publisher Administrator's and User's Guide for more information.

Supported Web servers:

- WebSphere Application Server 2.0.3.1
  - Apache Server 1.3.2 and 1.3.6
  - IBM HTTP Server V1.3.3, V1.3.3.1, V1.3.3.3, V1.3.6, and V1.3.6.2
  - Lotus Domino Application Server Release 4.6.2.5 and 4.6.2.6
  - Microsoft Internet Information Server V2.0, V3.0 and V4.0
  - Netscape Enterprise Server V3.0, V3.51, V3.6, V3.6.1, V3.6.2, V3.6.3, V3.6.4, and V3.6.5 (recommend 3.6.5)
  - Netscape FastTrack Server V3.01
- WebSphere Application Server 3.0.2
  - Apache Server 1.3.6
  - IBM HTTP Server V1.3.6 and V1.3.6.2
  - Lotus Domino Application Server Release 5
  - Domino Go Webserver Release 4.6.2.5 and 4.6.2.6
  - Microsoft Internet Information Server V4.0
  - Netscape Enterprise Server V3.5.1, V3.6, V3.6.1, V3.6.2, V3.6.3, V3.6.4, and V3.6.5 (recommend 3.6.5)

- WebSphere Application Server 3.5
  - Apache Server 1.3.12
  - IBM HTTP Server V1.3.12 (included with WebSphere Application Server)
  - iPlanet Enterprise Server 4.0
  - Lotus Domino Application Server Release 5.02b
  - Microsoft Internet Information Server V4.0
  - Netscape Enterprise Server V3.5.1, V3.6, V3.6.1, V3.6.2, V3.6.3, V3.6.4, and V3.6.5 (recommend 3.6.5)

Windows 2000

Windows 2000 Server or Advanced Server

Note: An FTPD product must be installed and enabled to transfer applications from the Host Publisher Studio to the Server.

On Windows 2000, with Host Publisher Server and Host Publisher Studio installed on the same machine, you can use the *localhost* option. See the online Host Publisher Administrator's and User's Guide for more information.

Supported Web servers:

- WebSphere Application Server 3.5
  - Apache Server 1.3.12
  - IBM HTTP Server V1.3.12 (included with WebSphere Application Server)
  - iPlanet Enterprise Server 4.0
  - Lotus Domino Application Server Release 5.02b
  - Microsoft Internet Information Server V5.0
  - Netscape Enterprise Server V3.5.1, V3.6, V3.6.1, V3.6.2, V3.6.3, V3.6.4, and V3.6.5 (recommend 3.6.5)

AIX

With WebSphere Application Server 2.0.3.1 or 3.0.2
AIX V4.3.2 or V4.3.3

With WebSphere Application Server 3.5
AIX V4.3.3 with Service Pack 02

Note: An FTPD product must be installed and enabled to transfer applications from the Host Publisher Studio to the Server.

Supported Web servers:

- WebSphere Application Server 2.0.3.1
  - IBM HTTP Server V1.3.6 and V1.3.6.2
  - Apache Server 1.3.2 and 1.3.6
  - Lotus Domino Application Server Release 4.6.2.5
  - Netscape Enterprise Server V3.01, V3.51, and V3.6 (recommend 3.6)
  - Netscape FastTrack Server V3.01
- WebSphere Application Server 3.0.2
  - Apache Server 1.3.6
  - IBM HTTP Server V1.3.6 and V1.3.6.2
  - Lotus Domino Application Server Release 5
  - Domino Go Webserver Release 4.6.2.5 and 4.6.2.6
  - Netscape Enterprise Server V3.5.1, V3.6, V3.6.1, V3.6.2, V3.6.3, V3.6.4, and V3.6.5 (recommend 3.6.5)
- WebSphere Application Server 3.5
  - Apache Server 1.3.12
  - IBM HTTP Server V1.3.12 (included with WebSphere Application Server)
  - iPlanet Enterprise Server 4.0
  - Lotus Domino Application Server Release 5.02b
  - Netscape Enterprise Server V3.5.1, V3.6, V3.6.1, V3.6.2, V3.6.3, V3.6.4, and V3.6.5 (recommend 3.6.5)

Solaris

Sun Solaris V2.6 or V2.7 SPARC and the Native Threads Package

Note: An FTPD product must be installed and enabled to transfer applications from the Host Publisher Studio to the Server.

Supported Web servers:

- WebSphere Application Server 2.0.3.1
  - IBM HTTP Server V1.3.3.3 and V1.3.6.2
  - Apache Server 1.3.2 and 1.3.6
  - Lotus Domino Application Server Release 4.6.2.5
  - Netscape Enterprise Server V3.01, V3.51, and V3.6 (recommend 3.6)
  - Netscape FastTrack Server V3.01
- WebSphere Application Server 3.0.2

  - Apache Server 1.3.6
  - IBM HTTP Server V1.3.6.2
  - Lotus Domino Application Server Release 5
  - Domino Go Webserver Release 4.6.2.5 and 4.6.2.6
  - Netscape Enterprise Server V3.5.1, V3.6, V3.6.1, V3.6.2, V3.6.3, V3.6.4, and V3.6.5 (recommend 3.6.5)
- WebSphere Application Server 3.5
  - Apache Server 1.3.12
  - IBM HTTP Server V1.3.12 (included with WebSphere Application Server)
  - iPlanet Enterprise Server 4.0
  - Lotus Domino Application Server Release 5.02b
  - Netscape Enterprise Server V3.5.1, V3.6, V3.6.1, V3.6.2, V3.6.3, V3.6.4, and V3.6.5 (recommend 3.6.5)

Host Publisher Studio

Windows 95, Windows 98
None

Windows NT
Windows NT Workstation or Server Version 4.0, Service Pack 4

Windows 2000
Windows 2000 Professional, Server, or Advanced Server

Limitations

Host Publisher Version 2.2.1 uses IBM WebSphere Application Server V2.0.3.1, V3.0.2, or V3.5. Refer to documentation on those products to understand any limitation considerations they might have.

Performance considerations

Host Publisher Version 2.2.1 is a Java product. Performance is a function of the speed of the network, the processing power of the workstation or server, as well as the level of the Java Development Kit (JDK) being used. Host Publisher Version 2.2.1 uses the level of JDK that WebSphere uses. If you want to use a newer level of the JDK, we recommend that you first consult IBM Service.

Before installing Host Publisher

Before you begin installing Host Publisher, you must know:

- The desktop folder name (for Windows NT and Windows 2000)
- The directory path into which you will install Host Publisher

Note: If you are upgrading from an earlier version of Host Publisher Server, you should uninstall the previous version prior to installing Version 2.2.1. You must install Host Publisher Server Version 2.2.1 in the same directory path to ensure access to your existing applications.

- The *alias* you want to use (for Host Publisher Server only)

  The alias is a string that appears in every URL request. It allows the organization of Host Publisher document parts under one directory.
- The number of Host Publisher licenses (connections to host or database resources) for which you are authorized
- If Host Publisher installation does not detect WebSphere Application Server on the machine, WebSphere Application Server V3.5 is installed. You must know the userid and password to access the database where WebSphere Application Server configuration information is stored.

If you have WebSphere Application Server 2.0.3.1 installed, stop your Web server and WebSphere. If you have WebSphere Application Server 3.0.2 or 3.5 installed, keep your Web server and WebSphere running.

Installing Host Publisher Server

Installation of the Host Publisher Server includes the following:

- WebSphere Application Server (if not currently installed)

  Note: On Solaris, if you installed WebSphere Application Server using the graphical user interface (GUI), the installation attempted to create a file named **jitk.db** in the */usr/bin* directory. If the */usr/bin* was set to read-only mode during the installation of WebSphere Application Server, the **jitk.db** file was installed in the *WebSphere/appserver* directory. If the installation of the Host Publisher Server does not find the **jitk.db** file in the */usr/bin* directory, WebSphere can not be detected. To enable the Host Publisher Server installation to detect WebSphere, you must modify the */usr/bin* directory to be read/write, and copy the **jitk.db** file into the */usr/bin* directory.
- Java Development Kit (JDK) (installed with WebSphere Application Server 3.5)

  Note: WebSphere Application Server, if installed with Host Publisher, points to this JDK. If WebSphere Application Server is already installed on your system, the level of JDK for WebSphere is not upgraded. Host Publisher requires JDK 1.1.8 for WebSphere Application Server 2.0.3.1 and 3.0.2, and JDK 1.2.2 for WebSphere Application Server 3.5.
- Host Publisher 2.2.1 Server code

- Host Publisher Server Administration files
- A server configuration file (server.properties), that contains the purchased number of licenses

Publishing of applications is handled by the Host Publisher Studio; however, some database and host access samples have been provided for your use. Refer to
http://www.ibm.com/software/webservers/hostpublisher/downloads.html
for the latest information about the samples.

During installation, these files are modified:

WebSphere Application Server 2.0.3.1

- WebSphere Application Server's **bootstrap.properties** file, to allow it to access Java code installed with Host Publisher 2.2
- WebSphere Application Server's **servlets.properties** file, to define the Host Publisher Server Administration servlet, and to make Integration Objects that are published later accessible to WebSphere
- Web server configuration files, to configure the Host Publisher Server alias.

WebSphere Application Server 3.0.2 or 3.5

- WebSphere Application Server's configuration database, to define the Host Publisher Administration servlet and to enable WebSphere to access your Host Publisher documents
- WebSphere Application Server's administration configuration files, to access the Host Publisher class files
- Web server configuration files, to configure the Host Publisher Server alias

Silent Installation of WebSphere Application Server 3.5 on AIX and Solaris

The Host Publisher Server installation checks your system to determine if a supported version of WebSphere exists. If not, WebSphere Application Server Version 3.5 is installed. WebSphere Application Server is set up with plugins for IBM HTTP Server 1.3.12. If IBM HTTP Server is already installed on your system in its default location, WebSphere Application Server configures it. Otherwise, WebSphere Application Server installs it and configures it.

If you want to use a different Web server, create a WebSphere Application Server response file to specify the Web server you want to use. The response file must be created before installing Host Publisher Server. Using a response file for the Web server enables you to configure only those Web servers you want to use with WebSphere.

Sample response files specifying the Apache Web server and the default path are provided on the Host Publisher Server CD. The sample response files are:

AIX usrwebas_aix.res

Solaris
usrwebas_sun.res

Copy the file, rename it to *usrwebas.res* and place it in the /tmp directory on your system. Follow the instructions in the response file to specify your Web server and the correct path to the Web server.

When Host Publisher Server installation finds the *usrwebas.res* file in the /tmp directory, it uses that response file to silently install WebSphere Application Server.

If Host Publisher Server installation does not find the *usrwebas.res* file in the /tmp directory, it creates it's own response file to silently install WebSphere Application Server with IBM HTTP Server 1.3.12.

Installing on Windows NT, Windows 2000, AIX, and Solaris

To install Host Publisher on Windows NT, Windows 2000, AIX, and Solaris:

1. If you have WebSphere Application Server 2.0.3.1 installed, stop your Web server and WebSphere. If you have WebSphere Application Server 3.0.2 or 3.5 installed, keep your Web server and WebSphere running.
2. Insert the CD.
   a. **Windows NT and Windows 2000**: Wait for the Start window. If the autorun screen does not appear, run the installation program from the CD root directory (setupwin.exe).
   b. **AIX and Solaris**: Run the installation program from the CD root directory (setupaix.sh or setupsun.sh).
3. Click **Install Products**.
4. Proceed through the windows, making appropriate choices where necessary.
5. To read the latest product information, click the button for the README file.
6. Click Finish when the final window appears.

On Windows NT and Windows 2000, reboot after you complete installation, and start WebSphere Application Server.

If you are running WebSphere 3.0.2 or WebSphere 3.5, stop and restart WebSphere Application Server. You might also need to stop and restart the Web server.

Installing Host Publisher Studio

Note: If you are upgrading from an earlier version of Host Publisher Studio, you should uninstall the previous version prior to installing Version 2.2.1.

1. Wait for the Start window. If the autorun screen does not appear, run the installation program from the CD root directory (setup.exe).
2. Proceed through the installation windows.
3. Click Finish when the final window appears.

Note: If you plan to create a response file for silent installation of the Host Publisher Studio on other machines, refer to "Silent installation of Host Publisher Studio" on page 11. The Host Publisher Studio is installed following the creation of the response file.

Silent installation of Host Publisher Server

AIX and Solaris Users: Because a silent installation of Host Publisher Server might require a silent installation of WebSphere Application Server 3.5, please refer to "Silent Installation of WebSphere Application Server 3.5 on AIX and Solaris" on page 7 before performing a silent installation of Host Publisher Server.

To perform a silent installation of Host Publisher Server, you must first create a response file that contains the information required on the installation panels. This file is usually called install.script; a default install.script file is provided for you in the `\instmgr\`*`your_platform`* directory, where *your_platform* is either **win**, **aix**, or **sun**.

To record your own response file, go to the `\instmgr\` directory on the CD, and run the appropriate installation sequence for your platform with the following parameters:

```
instwin.bat -r responsefile_path
instaix.sh -r responsefile_path
instsun.sh -r responsefile_path
```

where *responsefile_path* is the path where you want the response file to reside.

For example:

```
instwin.bat -r c:\WINNT\install.script
```

or

```
instaix.sh -r ./tmp/install.script
```

Important note for UNIX: Recording your own response file requires a windowed interface. On UNIX, this means X-Windows must be installed, and the display you use must be X-enabled. An ASCII terminal will not work. If there is no X-enabled display available, do not run instaix.sh -r; instead, edit install.script manually, using the following as a guideline.

1. Copy instmgr/install.script from the CD to /tmp.
2. Edit /tmp/install.script using the following sample and notes.
3. Run instmgr/instaix.sh -p /tmp/install.script.

In the following install.script file, the lines marked with a *n*> are either added to or modified from the default install.script file. See the corresponding notes for each number.**Do not include the** *n*> **characters in the file.**

```
  install.script file
  #Java Install script file
  #Tue May 09 12:33:53 EDT 2000
  HPserverInstall=true
  HostpubInstall=true
  WebASInstall=true
  HostpubDestination=C:\Hostpub\
1>WebServerPath=/HostPublisher/
2>NumberOfServerLicenses=xx
3>WASpassword=xxxxxxx
3>WASuserID=yyyyyyy
4>WebServerPresent=true
4>HostpubSelected=true
4>WebASReinstall=false
4>SuiteKey=Hostpub
4>PackageName=com.ibm.rtpwid.suite.hostpub
```

Notes:

1. Where */HostPublisher/* is the alias that the Web server will use to access Host Publisher. The default is /HostPublisher/.
2. Where *xx* is the number of licenses.
3. Where *xxxxxxx* and *yyyyyyy* are any user ID and password that are currently valid on the system on which you are installing. These are used to access WebSphere and are not required if WebSphere is already installed.
4. Add all these lines as they appear above.

To play back the response file, go to the `\instmgr` directory on the CD and run the following command for your platform:

```
instwin.bat -p responsefile_path
```

or

```
instaix.sh -p ./tmp/install.script
```

Silent installation of Host Publisher Studio

Silent installation of Host Publisher Studio differs from the silent installation for the server. After creating a response file, the Host Publisher Studio is installed in the location you specify on the installation panels.

To create a response file that contains the information required on the installation panels, and install the Host Publisher Studio, type the following at a command prompt:

```
setup.exe -r -fl responsefile_path -f2logfile_path
```

where *responsefile_path* and *logfile_path* are the paths where you want the response file and log file to reside.

The -f2 parameter is optional. For example:

```
setup.exe -r -f1c:\WINNT\setup.iss
```

or

```
setup.exe -r -f1c:\HostPublisher\setup.iss -f2c:\HostPublisher\setup.log
```

This creates a response file with a typical .iss extension in the specified directory.

To run a silent installation using the response file, at the command prompt, type:

```
setup.exe -s -fl responsefile_path -f2logfile_path
```

The -f2 parameter is optional. For example:

```
setup.exe -s -f1c:\WINNT\setup.iss
```

or

```
setup.exe -s -f1c:\HostPublisher\setup.iss -f2c:\HostPublisher\setup.log
```

The setup.log file provides installation details. If the silent installation is successful, the ResultCode is 0. If the silent installation fails, the ResultCode is often -12. This indicates that the information in the response file does not exactly correspond to the panels presented during the silent installation. It is important for the response file information to match the installation panels, so make sure you create the response file and run the silent installation in the same environment.

Testing installation of the Server

After you complete installation of Host Publisher 2.2.1, start the Web server, then access a simple HTML page. In this way, you can ensure that the Host Publisher alias is working.

1. Copy the following HTML code to a file named test.html.

```
<!doctype html public "html2.0">
<html>
<body>
<h1 align="center">My home page</h1>
</body>
</html>
```

2. Place test.html in the *install_dir*\Server\production\documents directory path, where *install_dir* is the directory in which Host Publisher is installed.

   On Windows NT, *install_dir* defaults to c:\HostPub\.

   On AIX and Solaris, *install_dir* is usually /var/HostPublisher/.

3. Load http://myhost/*alias*/test.html in your browser, where *alias* is the alias you defined when installing Host Publisher. The default alias is /HostPublisher/.

   If the test file is not found, check the Web Server's configuration files to ensure the Host Publisher alias is defined. Stop and restart the Web Server if you make changes.

If you are running Host Publisher under WebSphere Application Server 3.0.2 or 3.5, start the Host Publisher Application Server using the WebSphere Administrator's Console application. Under WebSphere 3.0.2 and 3.5, Host Publisher is configured in its own JVM as its own Application Server.

1. **Windows NT and Windows 2000**: The Console is started with the adminclient.bat script.
2. **AIX and Solaris**: The Console is started with the adminclient.sh script.

In the Console, select the HostPubServer Application Server you find beneath your Node, and press the Start icon. A dialog box will indicate when the server has successfully started.

Next, access a simple JSP page to make sure all the basic WebSphere Application Server settings are correct.

1. Copy the following HTML code to a file named test.jsp.

```
<html>
<head>
<title>JSP Test</title>
</head>
<body>
<h2>Hello world</h2>
<h4>I'm at <%=request.getRequestURI() %></h4>
</body>
</html>
```

2. Place test.jsp in the *install_dir*\Server\production\documents directory path, where *install_dir* is the directory in which Host Publisher is installed.
3. Load http://myhost/*alias*/test.jsp in your browser, where *alias* is the alias you defined when installing Host Publisher. The default alias is /HostPublisher/.

   If http://myhost/*alias*/test.jsp fails to load, ensure that WebSphere Application Server is started. If you are running Host Publisher under WebSphere Application Server 3.0.2 or 3.5, ensure that the Application Server named HostPubServer is started in the WebSphere Administrator's Console.

Next, check the configuration of Host Publisher to WebSphere Application Server.

WebSphere 2.0.3.1:

1. Start WebSphere Administration.
2. Ensure that the Host Publisher Server Administration servlet is defined and started.
3. Ensure that the servlet initialization parameters appear in the WebSphere Application Server administration. These parameters are:
   - **install_dir**
   - **log_dir** (not needed on Windows NT or Windows 2000)
   - **server_dir** (not needed on Windows NT or Windows 2000)

WebSphere 3.0.2 or 3.5:

1. Start the WebSphere Administrator's Console.
2. Ensure that the **HostPubServer**, **HPServletEngine**, **hostpublisher**, and **_IBM_HP_WebAdmin_** entries appear in the topology tree.

   If these entries are not present, manually run the configuration script located in *install_dir*, where *install_dir* is the directory in which Host Publisher is installed. To run the configuration script, type the following on the command line:

   ```
   ./HostPubWAS   HostPubWASConfig.xml
   ```
3. Load **http://myhost/***alias***/showCfg** in your browser, where *alias* is the alias you defined when installing Host Publisher, to see more configuration information. The default alias is /HostPublisher/.

Finally, test the sample applications. Refer to http://www.ibm.com/software/webservers/hostpublisher/downloads.html for information on downloadable test applications.

Diagnosing installation problems

Several log files are created during Server installation. These files are located in the directory indicated by the TEMP environment variable; the default is `c:\TEMP` on Windows NT and Windows 2000, and `/tmp` on AIX and Solaris. The files are:

HostpubTrace.log
This file contains the trace data on installation progress. This file contains information primarily about the interface and the install engine. Generally, this is the most important log file, since it provides detail about what the program was doing when it failed.

hpserv_install.log (Windows NT and Windows 2000)
This is the log file from the Host Publisher Server installation. Errors that occurred during the Host Publisher Server silent installation will result in a non-zero ResultCode in this file.

InstMgr.log (AIX)
This file contains the output from the Host Publisher Server installation command: **installp**.

/var/tmp/WebSphere.instl (AIX and Solaris)
This file contains the output from the native installation of WebSphere Application Server.

Uninstalling Host Publisher

To uninstall Host Publisher Studio:

1. From the Control Panel, click Add/Remove Programs.
2. Select IBM Host Publisher Studio.
3. Click Add/Remove.

To uninstall Host Publisher Server:

On Windows NT or Windows 2000:

1. From the Control Panel, click Add/Remove Programs.
2. Select IBM Host Publisher Server.
3. Click Add/Remove.

On AIX do one of the following:

- On the command line, type:

```
installp -u HostPublisher.jdk HostPublisher.msg.en_US.rte HostPublisher.rte
```

or

- Through SMIT, remove the filesets named HostPublisher.

During the uninstallation of Host Publisher Server, the hPubPortalData.xml file is saved from /usr/lpp/HostPublisher/xmlLegacyPortal/hPubPortalData.xml to /usr/lpp/HostPublisher.saved/xmlLegacyPortal/hPubPortalData.xml.

Note: If WebSphere Application Server and Host Publisher Server were installed at the same time, WebSphere will be configured to use the JDK shipped with Host Publisher Server. Do not uninstall Host Publisher's JDK unless you are sure it is not being used by WebSphere.

On Solaris:

- On the command line, type: `pkgrm IBMhpsvr IBMhp[three-letter language code]`

For example, to remove an English package, type `pkgrm IBMhpsvr IBMhpenu`. If you do not know your language code, type `pkginfo | grep IBMhp` to get the names of your packages.

Host Publisher Studio and Host Publisher Server, when installed in the same directory on Windows NT, share files located in the *yourinstalldir*`\Common` directory. The operating system marks these files as shared, so they are not removed if either product remains on the system. When all Host Publisher components are removed from the system, you are asked to remove the shared files.

Silent Uninstallation on Windows

On Windows you can silently uninstall Host Publisher Server or Host Publisher Studio by accessing the appropriate registry keys, which are:

- **HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uni Host Publisher Server**
- **HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uni Host Publisher Studio**

Retrieve the value for *UninstallString*. This string contains the command that uninstalls the product. Add the parameters *-y* and *-a* to this string at the beginning of the command. For example,

```
C:\WINNT\ISUNINST.EXE -fE:\HostPub\hpserver.isu ...
```

should become

```
C:\WINNT\ISUNINST.EXE -y -a -fE:\HostPub\hpserver.isu ...
```

This command can be changed either in an invocation on the command line, or directly in the registry key. If you change the registry key, the Add/Remove Programs menu will uninstall the product silently.

Uninstalling WebSphere Application Server

WebSphere Application Server is *not* removed during uninstallation of Host Publisher. If no other programs are using WebSphere, you can remove the product as follows:

On Windows NT and Windows 2000:

1. From the Control Panel, click Add/Remove Programs.
2. Select IBM WebSphere Application Server.
3. Click Add/Remove.

On AIX do one of the following:

- On the command line, type: `installp -ug IBMWebAS`

or

- Through SMIT, remove the filesets named IBMWebAS.

On Solaris:

- On the command line, type: `pkgrm IBMWebAS`

Appendix A. Notices

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